

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|------------------|
| 1 | 2919 | ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:45 |
| 2 | 422 | 348/294.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 3 | 194 | 348/297.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 4 | 126 | 348/317.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 5 | 101 | 348/316.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 6 | 257 | 348/312.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 7 | 84 | 348/319.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 8 | 73 | 348/320.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 9 | 38 | 348/321.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 10 | 138 | 348/322.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 11 | 45 | 348/323.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:41 |
| 12 | 21 | ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) and 348/294.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:44 |
| 13 | 144 | 348/370.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:44 |

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| 14 | 151 | 348/371.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:44 |
| 15 | 14 | 348/371.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:44 |
| 16 | 2920 | (charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3 or differential\$1) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:46 |
| 17 | 4 | lock adj4 (CCD\$1) and LED\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:48 |
| 18 | 10 | lock adj4 (CCD\$1) and (illuminat\$3 or LED) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:51 |
| 19 | 17 | lock adj4 (CCD\$1) and (illuminat\$3 or LED or light\$3 or flash\$3 or strobe\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:52 |
| 20 | 1190 | (linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:32 |
| 21 | 237 | ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and ((linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:54 |
| 22 | 20 | 348/\$.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and ((linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:56 |
| 23 | 15 | 355/\$.ccls. and (((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and ((linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:56 |
| 24 | 78 | 235/\$.ccls. and (((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and ((linear or lock) adj4 (CCD\$1) and (light\$3 or illuminat\$3) adj10 (emitt\$3))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:58 |

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|----|------|---|---|------------------|
| 25 | 201 | 235/\$.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 16:58 |
| 26 | 158 | 235/\$.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and (illuminat\$3 or light\$3) same (emitt\$3 or synchro\$10) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:00 |
| 27 | 85 | ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) and (illuminat\$3 or light\$3) same (emitt\$3 or synchro\$10 or source\$1) and (barcode\$1) same (read\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:06 |
| 28 | 3591 | (CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:32 |
| 29 | 17 | 348/296.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1)same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:12 |
| 30 | 4 | ("5420631" "5894325" "6091449" "6215113").PN. | USPAT | 2004/03/19 17:11 |
| 31 | 52 | 348/296.ccls. and ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:27 |
| 32 | 2 | ("5027218" "5194957").PN. | USPAT | 2004/03/19 17:17 |
| 33 | 8 | 5463421.URPN. | USPAT | 2004/03/19 17:18 |
| 34 | 13 | ("4455575" "4521797" "4769709" "4805026" "4935794" "4959724" "5027218" "5194957" "5287192" "5438365" "5463421" "5488416" "5663763").PN. | USPAT | 2004/03/19 17:19 |
| 35 | 3 | ("4426664" "4879601" "4996000").PN. | USPAT | 2004/03/19 17:19 |
| 36 | 9 | 5287192.URPN. | USPAT | 2004/03/19 17:20 |
| 37 | 9 | ("4032975" "4399464" "4740828" "4800435" "4811106" "4928137" "4928137" "5070406" "5264939" "5287192").PN. | USPAT | 2004/03/19 17:21 |
| 38 | 14 | 4455575.URPN. | USPAT | 2004/03/19 17:22 |
| 39 | 46 | 348/297.ccls. and ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:30 |
| 40 | 1560 | ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:48 |

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| 41 | 471 | ((((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) and 348/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:42 |
| 42 | 58 | ((((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) and 348/\$.ccls.) and (light\$3 or illuminat\$3) adj10 (emitt\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:36 |
| 43 | 998 | A adj1 B and 348/3\$6.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 17:36 |
| 44 | 58 | ((((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) and 348/\$.ccls.) and (A adj1 B and 348/3\$6.ccls.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:08 |
| 45 | 5 | ("3940602" "4064533" "4336557" "4476568" "4593303").PN. | USPAT | 2004/03/19 17:40 |
| 46 | 29 | 3940602.URPN. | USPAT | 2004/03/19 17:51 |
| 47 | 11 | 4540901.URPN. | USPAT | 2004/03/19 17:52 |
| 48 | 1 | 5528642.URPN. | USPAT | 2004/03/19 17:54 |
| 49 | 9 | ("4045816" "4540901" "4543610" "4734787" "4772958" "4899226" "5025318" "5111263" "5136402").PN. | USPAT | 2004/03/19 17:54 |
| 50 | 4 | ("4703365" "4743971" "4858020" "4910599").PN. | USPAT | 2004/03/19 17:54 |
| 51 | 6 | 5136402.URPN. | USPAT | 2004/03/19 17:55 |
| 52 | 6 | 5136402.URPN. | USPAT | 2004/03/19 17:55 |
| 53 | 12 | ("4742392" "4816917" "4875098" "4886986" "5067168" "5126860" "5136402" "5153929" "5166811" "5235412" "5717459" "5801850").PN. | USPAT | 2004/03/19 18:01 |
| 54 | 13 | 5025318.URPN. | USPAT | 2004/03/19 18:02 |
| 55 | 13 | 5025318.URPN. | USPAT | 2004/03/19 18:03 |
| 56 | 13 | 4772958.URPN. | USPAT | 2004/03/19 18:04 |
| 57 | 5 | 4918506.URPN. | USPAT | 2004/03/19 18:06 |
| 58 | 13 | ("4740828" "4809083" "4858020" "4918506" "4942473" "4996600" "5196939" "5262871" "5264939" "5272535" "5293432" "5326997" "5489945").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:09 |
| 59 | 21 | 348/316.ccls. and ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:32 |
| 60 | 9 | 348/316.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:15 |
| 61 | 12 | 4496980.URPN. | USPAT | 2004/03/19 18:30 |
| 62 | 11 | ("4488678" "4538060" "4628347" "5225695" "5239192" "5286989" "5303053" "5308970" "5309240" "5376906" "5452003").PN. | USPAT | 2004/03/19 18:31 |
| 63 | 1 | 5587576.URPN. | USPAT | 2004/03/19 18:31 |

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| 64 | 200 | 257/240.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:32 |
| 65 | 10 | 257/240.ccls. and ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:32 |
| 66 | 4 | 257/240.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:33 |
| 67 | 4 | 257/240.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3 or differential\$1) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:33 |
| 68 | 5 | 257/240.ccls. and (((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:33 |
| 69 | 5 | ("5150150" "5541693" "5576527" "5591952" "5600699").PN. | USPAT | 2004/03/19 18:36 |
| 70 | 0 | 6073850.URPN. | USPAT | 2004/03/19 18:36 |
| 71 | 10 | ("4349730" "4703364" "4817185" "4974260" "4984285" "5294783" "5315097" "5365048" "5396053" "5414251").PN. | USPAT | 2004/03/19 18:38 |
| 72 | 118 | ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) and 235/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:42 |
| 73 | 62 | ((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) and 235/\$.ccls.) and (differ\$3) same (compar\$3 or amplif\$3) (var\$3) same (intensi\$3) same (emitt\$3) same (light\$3 or illuminat\$3) same select\$3 same (first\$1 or second\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:43 |
| 74 | 84 | | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:49 |
| 75 | 110 | 235/462.41.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:55 |
| 76 | 10 | 235/462.41.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:56 |

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|----|----|---|---|------------------|
| 77 | 3 | 235/462.41.ccls. and (((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:56 |
| 78 | 5 | 235/462.42.ccls. and (((CCD or solid adj1 state\$1) and (read\$3 or integrat\$3 or exposur\$3) near10 (first\$1 or odd\$1) near30 (second\$1 or even\$1) same (photodetector\$1 or sensor\$1 or CCD\$1 or photodiodes\$1)) and (different\$3) same (first\$1 or odd\$1) same (second\$1 or even\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:57 |
| 79 | 10 | 235/462.42.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3 or differential\$1) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:58 |
| 80 | 10 | 235/462.41.ccls. and ((charg\$3 or integrat\$3 or read\$1) same (first or odd) same (second\$1 or even\$1) and (illuminat\$3 or flash\$3 or strobe\$1) and (different\$3 or compar\$3 or differential\$1) same (output\$3) and (CCD or solid adj1 state\$1) same (sensor\$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/19 18:58 |